Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 21 Aug 2020 until 23:59 on Saturday 22 Aug 2020

Forecast Issued on Thursday 20 Aug 2020 at 15:00

Confidence: High for generally unsettled theme through the forecast period, low for shower detail, and for timing and extent of rain from late Monday.

Headline for Friday 21 Aug 2020: Rain or showers, with widespread gales across the hills.

Mountain weather hazards on Friday 21 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Light rain	Heavy Rain	Heavy Rain	Light rain	Dull	Light rain	Heavy Rain
Precipitation probability							
<05%	30%	60%	60%	60%	40%	30%	30%

Forecast for Friday 21 Aug 2020

Weather: Increasingly cloudy through the early hours with outbreaks of locally heavy showery rain spreading from the west, and with widespread gales across the summits. Very windy on Friday with widespread gales on the hills, and occasional showers. Showers will be locally heavy, and with a band of more persistent rain moving east in the morning. Showers continuing through the evening with gales persisting on the hills.

Chance of cloud free mountain/hill tops above 600m: Mainly 90% or more, but occasionally 60% with cloud down to 500m in heavier showers.

Visibility: Often very good or excellent with distant hills clearly seen, but occasionally moderate in showers, and perhaps poor in any heavier precipitation.

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Mountain Weather Forecast

Forecast for Friday 21 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/32 S	24/37 S	28/41 S	32/49 S	29/46 SW	31/47 SW	27/42 SW	25/38 SW	24/38 SW
300	11/29 S	16/35 S	18/37 S	21/45 S	22/47 SW	22/45 SW	19/40 SW	18/36 SW	18/36 SW
Valley	14/35 SE	16/38 SE	18/41 S	19/42 S	21/44 SW	21/44 SW	19/39 SW	17/36 SW	17/35 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/9	12/8	12/8	12/8	14/9	14/9	13/8	12/8	11/7
300	14/12	14/11	14/11	15/11	16/12	16/12	15/12	14/11	14/10
Valley	16/14	16/13	16/12	16/13	17/13	18/14	17/13	16/13	15/12
Freezing Level*	2400m	2400m	2600m	2800m	2700m	2600m	2600m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds likely to be 15-20mph stronger than shown at height, especially over exposed peaks and ridges near any heavier showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 20 Aug 2020	15.6mm	16mm	28.6mm

Forecast for Saturday 22 Aug 2020

Weather: Isolated showers through the early hours, but most places dry by morning. Further showers soon spreading from the west during the morning, these merging to give some more general and locally heavy rain at times until early afternoon. Scattered showers then likely to continue into the evening. Less windy than Friday, but still with gales for a time across highest summits.

Maximum wind: SW 35 gust 50mph, decreasing 25 gust 35mph towards evening

Chance of cloud free mountain/hill tops above 600m: 80% with occasional patches down to 600m, becoming 40% at times in more persistent precipitation with bases 400-500m.

Visibility: Often very good with hills in the near distance clearly seen, but moderate to poor at times in precipitation.

Temperature: **Valleys:** 11 C becoming 15 C
At 600m: 5 C becoming 8 C
Freezing level: Well above the summits.

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